# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L2 | 260303 | (nitride phosphide) (underlayer sublayer) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/13 14:51 |
| L3 | 514 | (nitride phosphide) near2 (underlayer sublayer) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/13 14:52 |
| L4 | 312505 | (barrier protect$4 passiv$6) near2 (film layer$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/13 14:55 |
| L5 | 52556 | "429"/$.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/13 14:55 |
| L8 | 3423 | 5 and 4 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/13 14:55 |
| L9 | 1577 | 8 not lithium | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/13 14:55 |
| L10 | 1846 | 8 not 9 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/13 14:55 |
| L11 | 228 | 10 and ((discrete plural plurality multiple) near1 layers) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/13 14:59 |
| L12 | 1 | "5314765".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/13 15:54 |
| L13 | 1 | "6413284".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/13 15:54 |
| L14 | 1 | 13 and (graded gradu$6) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/13 15:55 |
| S1 | 0 | ("("20010041294"\|"20020012846"\|"20020034688"\|"3703415"\|"3912536"\|"4091182"\|"4162202"\|"4210707"\|"4981672"\|"4985317"\|"5100523"\|"5314765"\|"5336384"\|"5338625"\|"5342710"\|"5387479"\|"5409786"\|"5455126"\|"5512147"\|"5567210"\|"5569520"\|"5597660"\|"5612152"\|"5648187"\|"5686201"\|"5696201"\|"5702995"\|"5961672"\|"6025094"\|"6030909"\|"6183901"\|"6214061"\|"6315881"\|"6376123"\|"6402795"\|"6413284"\|"6413285"\|"6432584"\|"6475677"\|"6485622"\|"6797428").PN.").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/09/12 21:44 |

| S2 | 86 | ("20010041294"\|"20020012846"\|"20020034688"\|"3703415"\|"3912536"\|"4091182"\|"4162202"\|"4210707"\|"4981672"\|"4985317"\|"5100523"\|"5314765"\|"5336384"\|"5338625"\|"5342710"\|"5387479"\|"5409786"\|"5455126"\|"5512147"\|"5567210"\|"5569520"\|"5597660"\|"5612152"\|"5648187"\|"5686201"\|"5696201"\|"5702995"\|"5961672"\|"6025094"\|"6030909"\|"6183901"\|"6214061"\|"6315881"\|"6376123"\|"6402795"\|"6413284"\|"6413285"\|"6432584"\|"6475677"\|"6485622"\|"6797428").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/12 21:44 |
|----|----|----|----|----|----|----|
| S3 | 22 | ("4162202" \| "4981672" \| "5100523" \| "5314765" \| "5338625" \| "5342710" \| "5409786" \| "5455126" \| "5512147" \| "5567210" \| "5569520" \| "5597660" \| "5612152" \| "5648187" \| "5696201" \| "6025094").PN. OR ("6413285").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/12 21:57 |
| S4 | 12 | ("5314765" \| "5338625" \| "5455126" \| "5512147" \| "5538814" \| "5567210" \| "5569520" \| "5597660" \| "5612152" \| "5686201" \| "5814420" \| "5824434").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/12 22:00 |
| S5 | 7 | 10/772228 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/13 08:44 |
| S6 | 5 | S5 AND GAP | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/12 22:04 |
| S7 | 22 | ("4162202" \| "4981672" \| "5100523" \| "5314765" \| "5338625" \| "5342710" \| "5409786" \| "5455126" \| "5512147" \| "5567210" \| "5569520" \| "5597660" \| "5612152" \| "5648187" \| "5696201" \| "6025094").PN. OR ("6413285").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/13 08:40 |
| S8 | 66 | ("5314765").URPN. | USPAT | OR | ON | 2007/09/13 08:40 |
| S9 | 41 | ("4664991" \| "4739018" \| "4833048" \| "4917974" \| "4954371" \| "5162175" \| "5194341" \| "5314765" \| "5324599" \| "5366829" \| "5387479" \| "5415954" \| "5434021" \| "5441831" \| "5460905" \| "5462566" \| "5487959" \| "5516598" \| "5529860" \| "5538812" \| "5569520" \| "5601947" \| "5648187" \| "5681615" \| "5690702" \| "5723230" \| "5731104" \| "5783330" \| "5792575" \| "5824434" \| "5882819" \| "5961672" \| "6025094" \| "6117590" \| "6153337" \| "6183901" \| "6201100" \| "6402795" \| "6413285").PN. OR ("6797428").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/13 08:44 |
| S10 | 7 | 09/431190 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/13 09:44 |

| S11 | 1 | "6413284".PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/13 09:47 |
|---|---|---|---|---|---|---|
| S12 | 1 | "6413285".PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/13 09:47 |
| S13 | 2 | S11 S12 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/13 09:47 |
| S14 | 2 | S13 and (graded gradua$5) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/13 09:54 |
| S15 | 115 | S7 S8 S9 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/13 09:54 |
| S16 | 34 | S15 and gap | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/13 13:09 |
| S17 | 86 | ("20010041294"\|"20020012846"\|"20020034688"\|"3703415"\|"3912536"\|"4091182"\|"4162202"\|"4210707"\|"4981672"\|"4985317"\|"5100523"\|"5314765"\|"5336384"\|"5338625"\|"5342710"\|"5387479"\|"5409786"\|"5455126"\|"5512147"\|"5567210"\|"5569520"\|"5597660"\|"5612152"\|"5648187"\|"5686201"\|"5696201"\|"5702995"\|"5961672"\|"6025094"\|"6030909"\|"6183901"\|"6214061"\|"6315881"\|"6376123"\|"6402795"\|"6413284"\|"6413285"\|"6432584"\|"6475677"\|"6485622"\|"6797428").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/09/13 13:09 |
| S18 | 22 | ("4162202" \| "4981672" \| "5100523" \| "5314765" \| "5338625" \| "5342710" \| "5409786" \| "5455126" \| "5512147" \| "5567210" \| "5569520" \| "5597660" \| "5612152" \| "5648187" \| "5696201" \| "6025094").PN. OR ("6413285").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/13 13:09 |
| S19 | 12 | ("5314765" \| "5338625" \| "5455126" \| "5512147" \| "5538814" \| "5567210" \| "5569520" \| "5597660" \| "5612152" \| "5686201" \| "5814420" \| "5824434").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/13 13:09 |
| S20 | 50 | S17 S18 S19 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/13 13:10 |
| S21 | 37 | S20 and reaction | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/13 13:10 |
| S22 | 21 | S20 and "nitride" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/13 13:18 |
| S23 | 38 | S20 and layers! | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/13 13:20 |

| S24 | 510 | chu-m$.in. visco-s$.in. dejonghe-l$.in. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/13 13:20 |
|---|---|---|---|---|---|---|
| S25 | 39 | S24 and ((barrier protect$4) near3 (sublayer$1 layers!)) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/13 13:29 |
| S26 | 3 | ("6025094" \| "6228534" \| "6402795").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/13 13:27 |
| S27 | 37 | S24 and ((discrete plural plurality multiple) near1 layers) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/13 13:28 |
| S28 | 5 | S20 and ((discrete plural plurality multiple) near1 layers) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/13 13:28 |
| S29 | 18 | S20 and ((barrier protect$4) near3 (sublayer$1 layers!)) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/13 13:29 |
| S30 | 39 | ("4664991" \| "4739018" \| "4833048" \| "4917974" \| "4954371" \| "5162175" \| "5194341" \| "5314765" \| "5324599" \| "5366829" \| "5387479" \| "5415954" \| "5434021" \| "5441831" \| "5460905" \| "5462566" \| "5487959" \| "5516598" \| "5529860" \| "5538812" \| "5569520" \| "5601947" \| "5648187" \| "5681615" \| "5690702" \| "5723230" \| "5731104" \| "5783330" \| "5792575" \| "5824434" \| "5882819" \| "5961672" \| "6025094" \| "6117590" \| "6153337" \| "6183901" \| "6201100" \| "6402795" \| "6413285").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/13 14:51 |